

1/26/2007 Response to Office Action  
U.S.S.N. 10/769,936

Page 2

*REMARKS*

The present invention relates to an improved electrochemical IR calculation and correction system. Claims 1-27 are currently pending.

The Office Action has required restriction to one of the following inventions under 35 U.S.C. 121:

- I. Claims 1-9 and 23-27, drawn to a method of resultant potential drop correction in an electrochemical mechanical polishing system, classified in class 205, subclass 644.
- II. Claims 10-18, drawn to a computer-readable medium, classified in class 711, subclass 100.
- III. Claims 19-22, drawn to an electrochemical mechanical polishing system, classified in class 204, subclass 242.

The applicants hereby elect, without traverse, invention I, claims 1-9 and 23-27, drawn to the method of resultant potential drop correction in an electrochemical mechanical polishing system.

If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned agent.

Respectfully submitted,

By



Thomas Omholt  
Reg. No. 37,052  
(630) 375-2033

Cabot Microelectronics Corporation  
870 North Commons Drive  
Aurora, IL, 60504  
Tel. (630) 375-5465